

**NATIONAL PHASE
UTILITY APPLICATION**
Transmittal to the (DO/EO/US)
Under 35 USC 371

Attorney Docket No.: UNIU79.074APC
First Named Inventor: Shinichi CHIKURA
Int'l Application No.: PCT/JP2005/004919
Int'l Filing Date: March 18, 2005
Priority Date Claimed: March 26, 2004
Title: SPIRAL TYPE SEPARATION MEMBRANE ELEMENT
Express Mail Label No.: EV 466898718 US

Direct all correspondence to Customer No.: 20995

Date: September 22, 2006
Page 1 of 2

Mail Stop PCT

United States Patent and Trademark Office
P.O. Box 1450
Alexandria VA 22313-1450

The following enclosures are transmitted herewith to be filed in the patent application of:

Inventors:

1. Shinichi CHIKURA
2. Satoru ISHIHARA
3. Mitsuaki HIROKAWA
4. Yasuhiro UDA

APPLICATION ELEMENTS:

- (X) This is a FIRST submission of items concerning a filing under 35 U.S.C. § 371.
- (X) A copy of the International Application as filed (35 U.S.C. § 371(c)(2)) including the International Search Report in 27 pages is attached hereto.
- (X) An English translation of the International Application as filed is attached hereto.
- (X) Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. § 371(c)(3)) have not been and will not be made.
- (X) An Oath or Declaration signed by the inventors (35 U.S.C. § 371(c)(4)).

OTHER APPLICATION PARTS:

- (X) Preliminary Amendment in 6 pages.
- (X) Recordation form cover sheet and Assignment in 3 total pages (cover sheet & assignment).
- (X) Power of Attorney form and copy of assignment in 3 pages.
- (X) An Information Disclosure Statement and PTO/SB/08 equivalent listing references for consideration:
 - (X) Listing 7 references.
 - (X) Enclosing 7 references.
- (X) Return prepaid postcard.

10/593760

10/593760
 IAP9 Rec'd PCT/PTO 22 SEP 2006

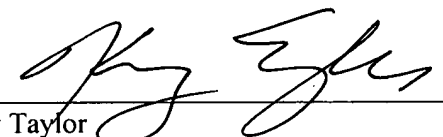
NATIONAL PHASE UTILITY APPLICATION Transmittal to the (DO/EO/US) Under 35 USC 371	Attorney Docket No.: UNIU79.074APC First Named Inventor: Shinichi CHIKURA Int'l Application No.: PCT/JP2005/004919 Int'l Filing Date: March 18, 2005 Priority Date Claimed: March 26, 2004 Title: SPIRAL TYPE SEPARATION MEMBRANE ELEMENT Express Mail Label No.: EV 466898718 US
Direct all correspondence to Customer No.: 20995	
Date: September 22, 2006 Page 2 of 2	

FILING FEES:

FEE CALCULATION				
FEE TYPE & DETERMINATION		LARGE FEE	CALCULATION	TOTAL
Basic Filing Fee under 1.492(a)		1631 (\$300)		\$300
Search Fee under 1.492(b) (enter one in TOTAL column)				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1640 (\$0)		\$400
(2)	USPTO was the ISA (noncompliant claims)	1641 (\$100)		
(3)	Foreign Search Report Enclosed	1642 (\$400)		
(4)	No Search Report Enclosed	1632 (\$500)		
Examination Fee under 1.492(c) (enter one in TOTAL column)				
(1)	USPTO was ISA/IPEA & claims satisfy Art. 33 (1)-(4)	1643 (\$0)		\$200
(2)	Non US IPEA or Noncompliant Claims	1633 (\$200)		
Excess Claims	13 - 20 = 0	1615 (\$50)	0 x 50 =	\$0
Excess Ind. Claims	3 - 3 = 0	1614 (\$200)	0 x 200 =	\$0
Application Size Fee	36 - 100 = 0	1681 (\$250)	0 x 250 =	\$0
Assignment		8021 (\$40)	1 x 40 =	\$40
			TOTAL FEE DUE	\$940
TOTAL FEE PAID (If Different Than Fee Due)				\$940

(X) A check in the amount of **\$940** to cover the Total Fee Due is enclosed.

The Commissioner is hereby authorized to charge any additional fees which may be required, now or in the future, or credit any overpayment to Account No. 11-1410.


 Kerry Taylor
 Registration No. 43,947
 Attorney of Record
 Customer No. 20,995
 (619) 235-8550

MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SUBMISSION BY "EXPRESS MAIL"

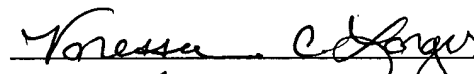
Attorney Docket No. : UNIU79.074APC
Applicant(s) : Shinichi CHIKURA et al.
For : SPIRAL TYPE SEPARATION MEMBRANE
ELEMENT
Attorney : Kerry Taylor
"Express Mail" Label No. : EV 466898718 US
Date of Deposit : September 22, 2006

The following documents are hereby placed into an Express Mail envelope bearing the number indicated above, which envelope is being deposited today with the U.S. Postal Service as Express Mail:

Transmittal letter; International Application with International Search Report in total of 27 pages; English Translation of International Application in 30 pages; 6 sheets of drawings; Preliminary Amendment in 6 pages; SIGNED Declaration by Inventor in 3 pages; Recordation Form Cover Sheet and Assignment in 3 pages; Power of Attorney by Assignee in 1 page; Information Disclosure Statement, PTO Form PTO/SB/08 Equivalent with 7 references; Check(s) for Filing Fee(s); Return Prepaid Postcard.

The envelope, with the enclosures listed above, is addressed the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

This submission is being made in compliance with 37 CFR 1.10.


Name: Vanessa C. Langer
Docketing Agent

2947517/ck/092006